

09736157-030701

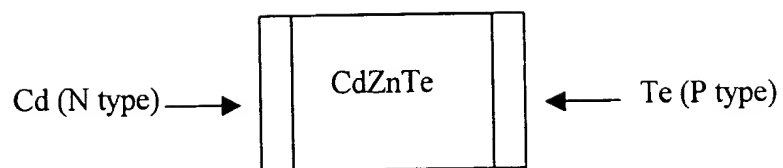


Figure 1

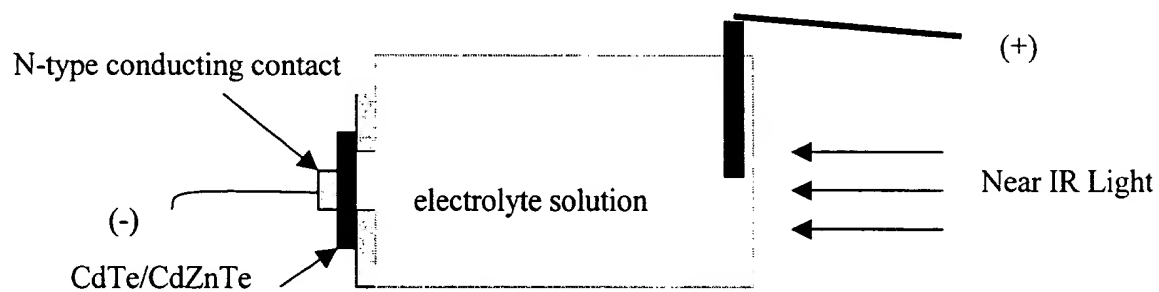



Figure 2

Graph showing Current (mA) versus PH for an applied voltage of 20V. The current increases gradually with PH until approximately PH = 12.75, where it rises sharply to a plateau of about 1.45 mA.

PH	Current (mA)
11.6	0.32
11.9	0.37
12.15	0.40
12.25	0.43
12.35	0.45
12.45	0.50
12.55	0.53
12.65	0.55
12.7	0.57
12.75	0.56
12.78	0.59
12.8	0.86
12.82	1.44
12.85	1.45
12.9	1.45



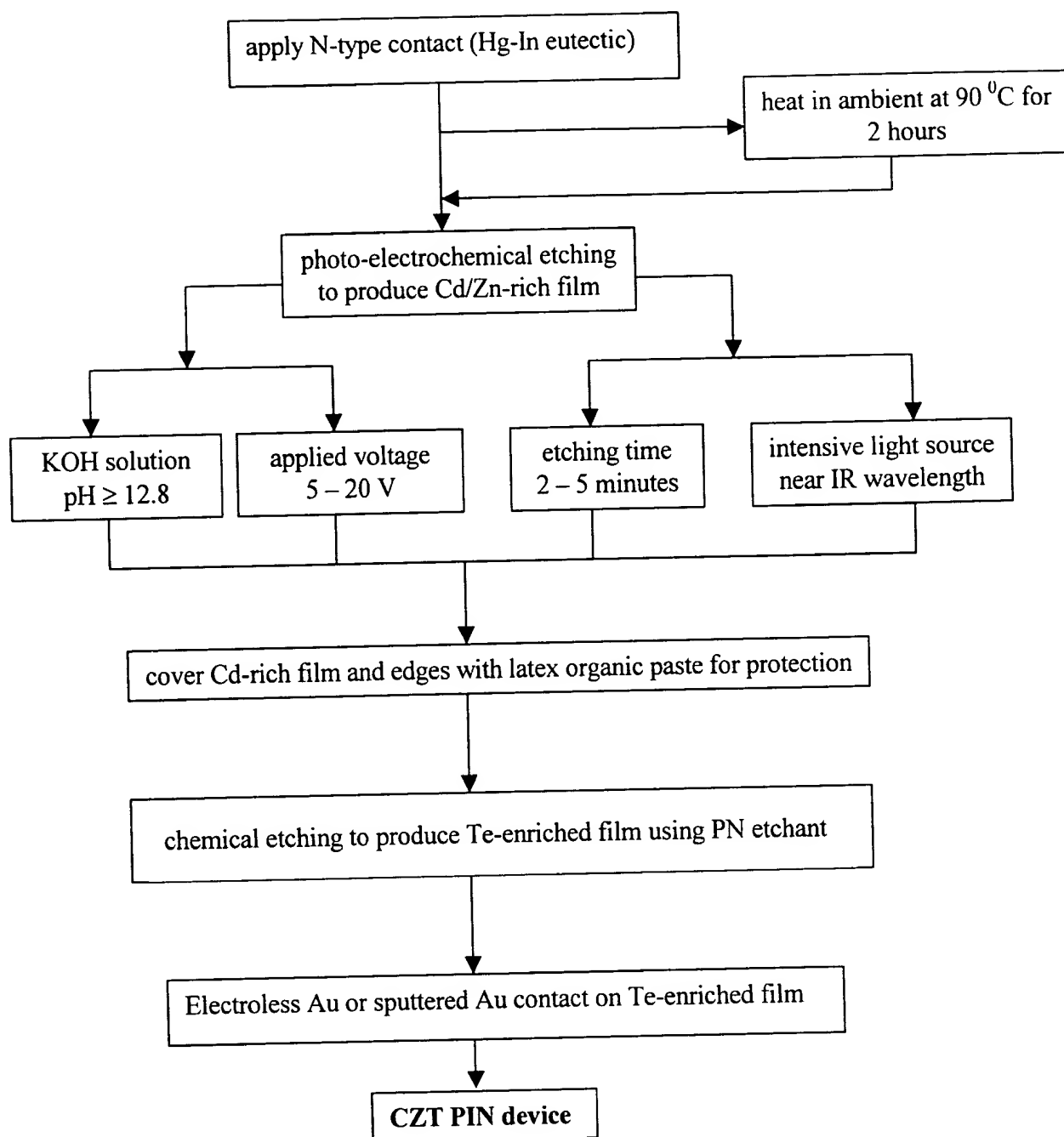


Figure 4

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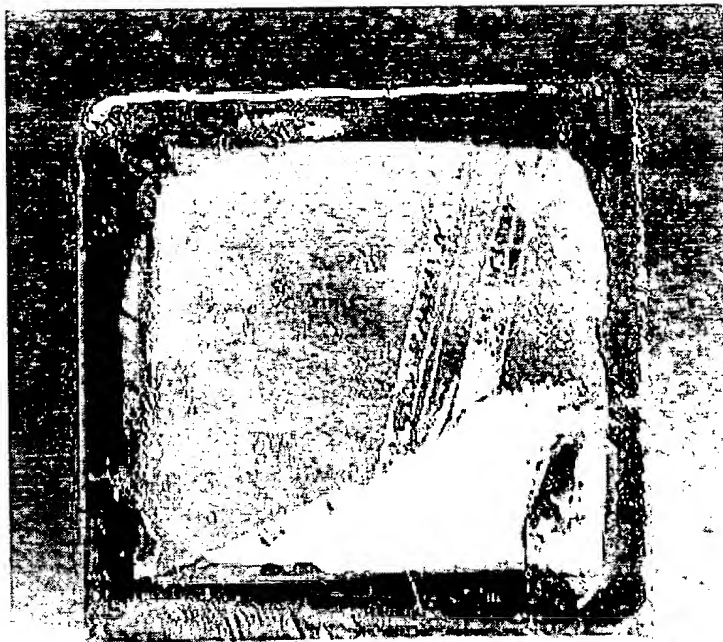


Figure 5

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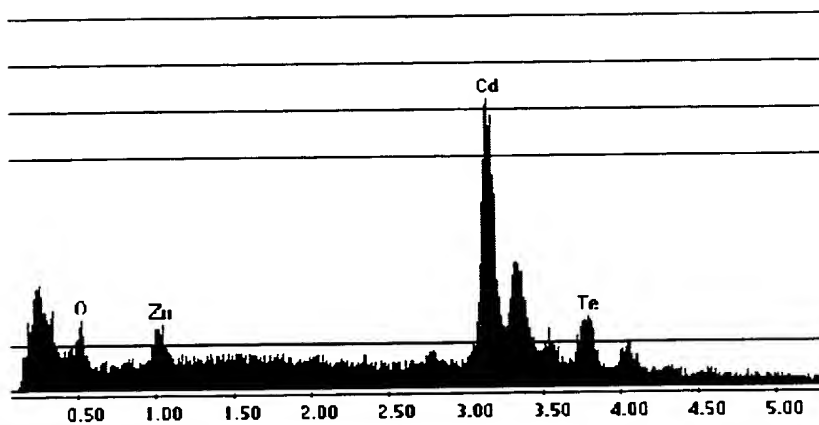


Figure 6a

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D:\DX4\EDS\USR\R&D\SAIC\CDZN1-7.SPC

abel A: CdZn 7.0 KV

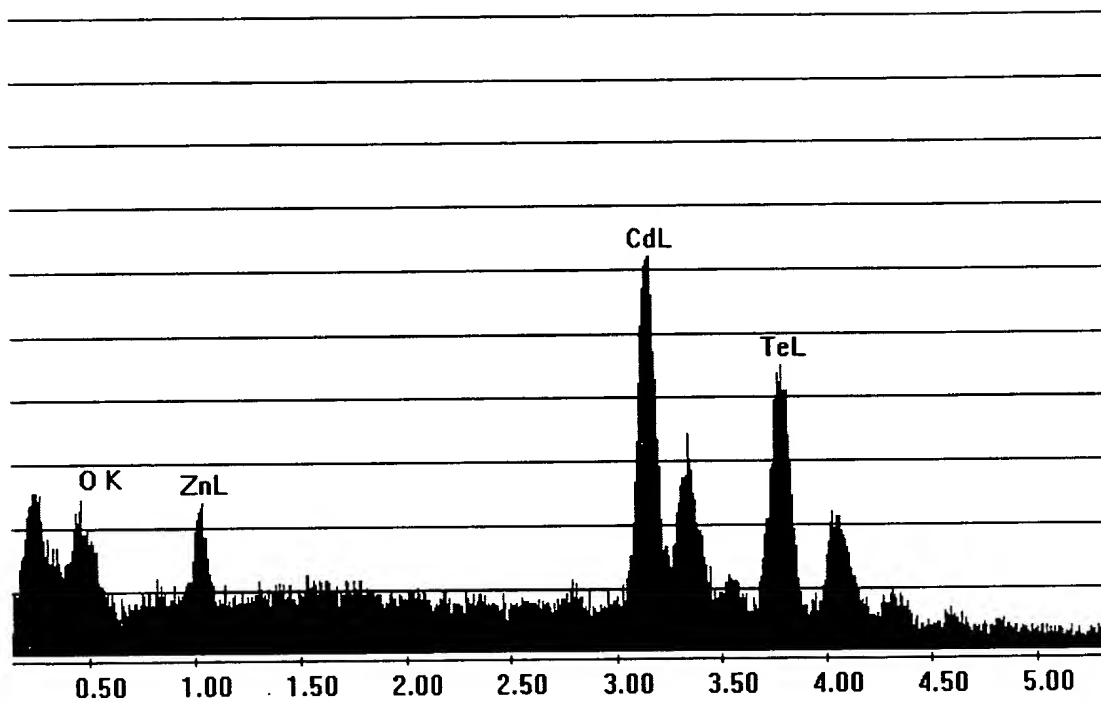


Figure 6b

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T040E0 45T9E260

D:\DX4\EDS\USR\R&D\SAIC\TE.SPC

Label A: Te Sample 7.0 kV

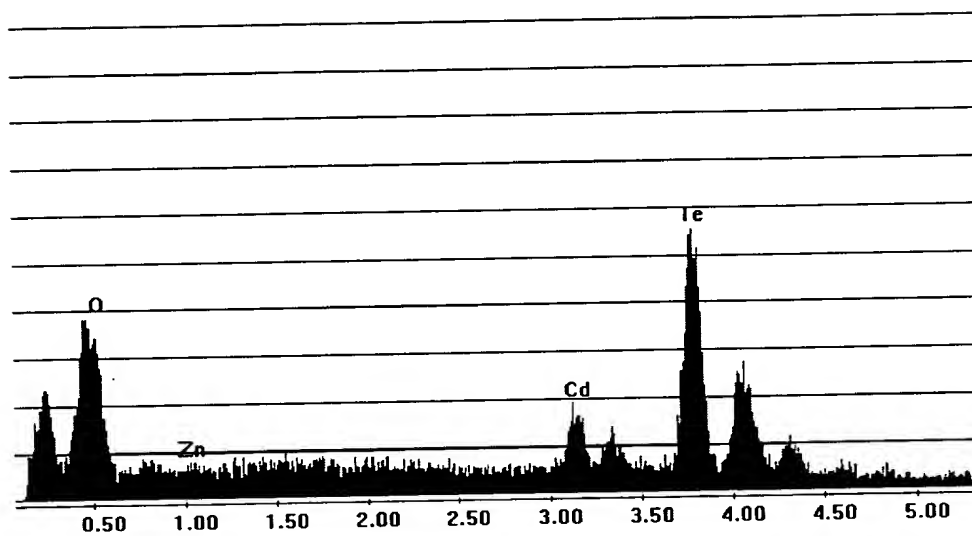


Figure 7



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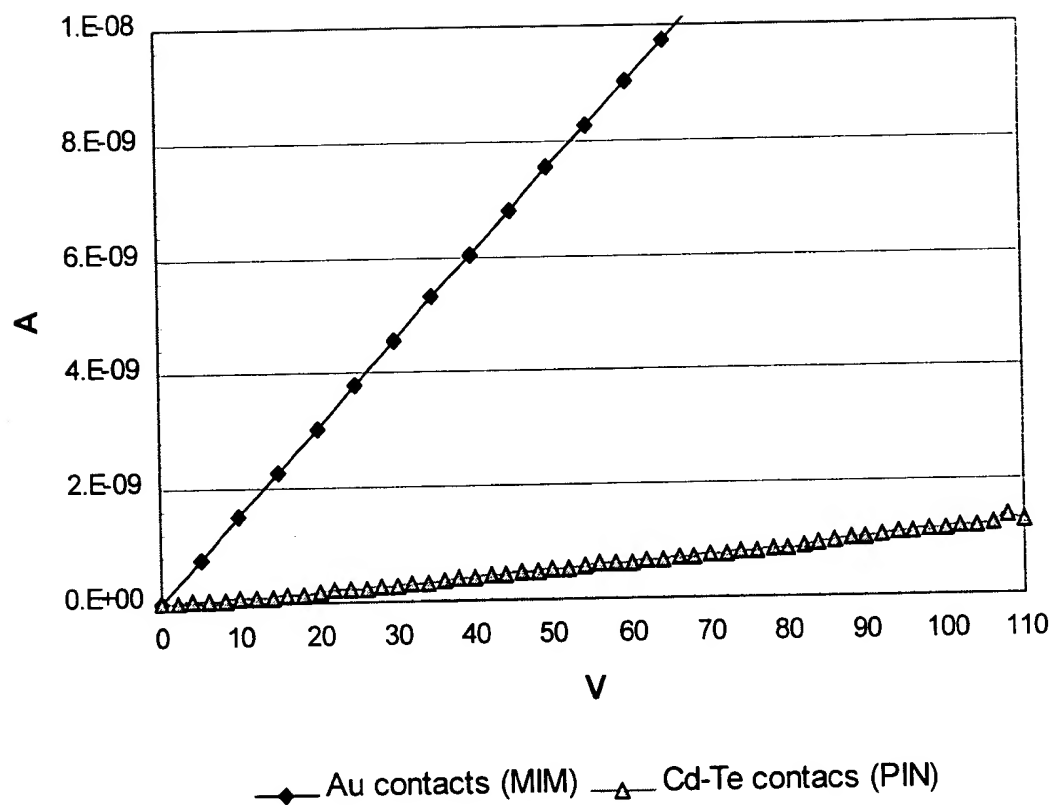


Figure 8

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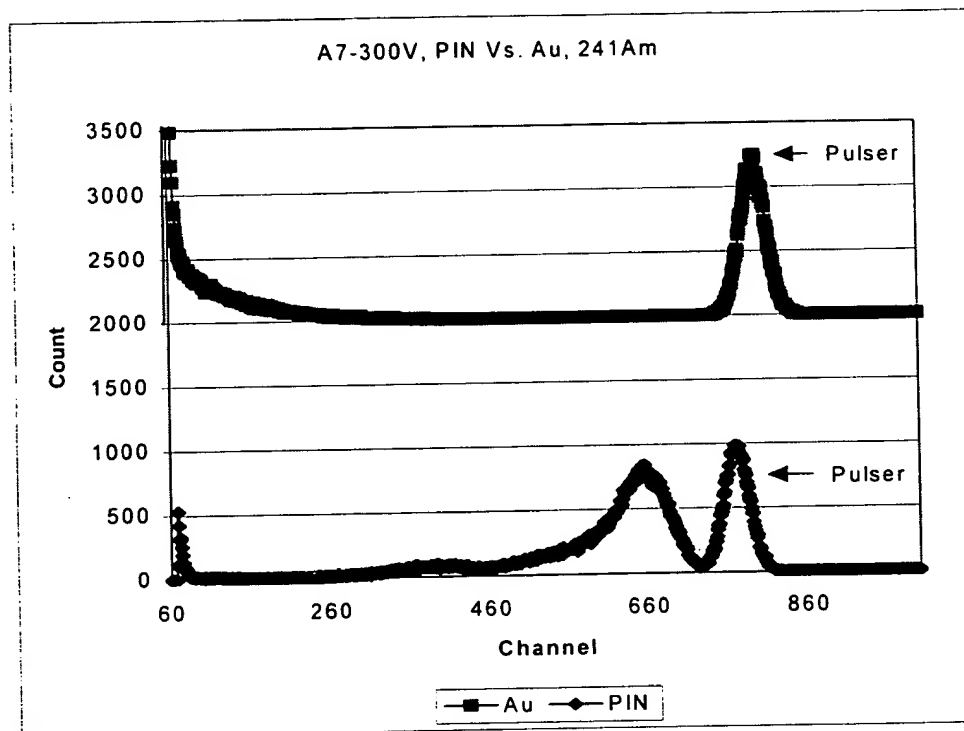


Figure 9

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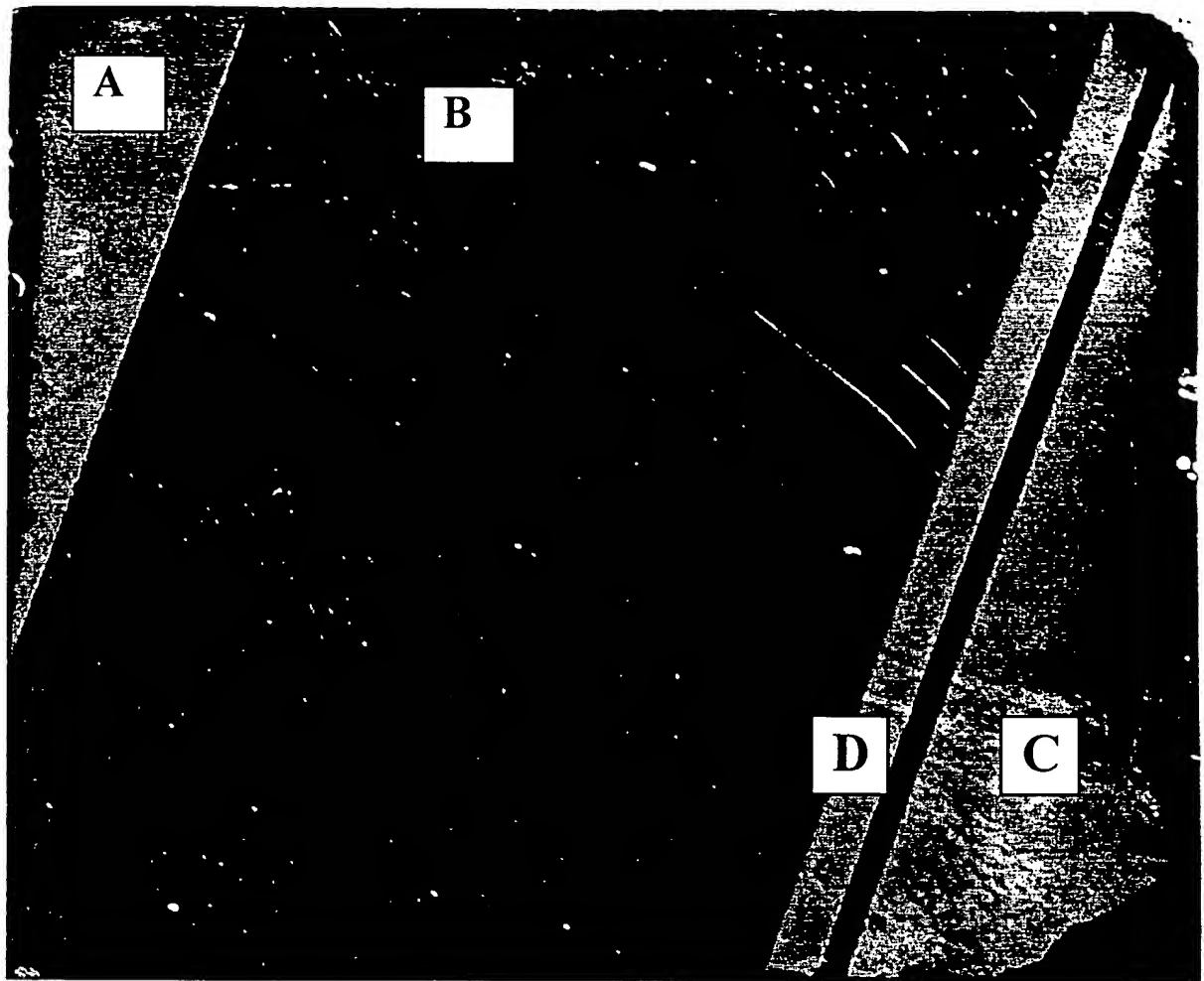


Figure 10